

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1285001
<b>Application Number:</b>	10693171
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2624
<b>Title of Invention:</b>	CHANNEL ESTIMATION AND SPATIAL PROCESSING FOR TDD MIMO SYSTEMS
<b>First Named Inventor/Applicant Name:</b>	John W. Ketchum
<b>Customer Number:</b>	23696
<b>Filer:</b>	Dmitry Romanovich Milikovsky/Catherine Lane
<b>Filer Authorized By:</b>	Dmitry Romanovich Milikovsky
<b>Attorney Docket Number:</b>	020613
<b>Receipt Date:</b>	31-OCT-2006
<b>Filing Date:</b>	23-OCT-2003
<b>Time Stamp:</b>	16:40:11
<b>Application Type:</b>	Utility

### Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 1700
RAM confirmation Number	363
Deposit Account	170026

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:  
Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment Recorded	020613_IssueFee.pdf	349761	no	1

**Warnings:**

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

**Information:**

2	Fee Worksheet (PTO-875)	fee-info.pdf	8327	no	2
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**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	358088
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.